

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A method of optimally demanufacturing a product to provide greatest economic benefit, comprising the steps of:

providing a product for demanufacturing, said product having a plurality of parts, wherein each of said parts comprises one or more commodities;

collecting a resale price for said product;

collecting one or more resale prices for one or more of said parts respectively;

collecting one or more commodity prices for one or more of said commodities respectively;

determining the labor expense to remove said each of said parts from said product;

entering said resale prices, said commodity prices, and said labor expense into a computer model;

executing said computer model to determine a highest commodity value irrespective of said one or more resale prices for one or more of said parts, or said resale price for said product;

executing said computer model to determine a highest removed

20 parts value irrespective of said one or more commodity prices for  
21 one or more of said commodities, or said resale price for said  
22 product;

23 executing said computer model to make a determination of which of  
24 said parts, if any, to be removed from said product and an  
25 optimum level of demanufacturing to provide greatest economic  
26 benefit by recovering largest revenue; and

27 in response to said determination, either offering said product  
28 for resale, or removing said parts which were determined to be  
29 removed, if any, and offering said parts for resale, separating  
30 any remaining parts into said commodities, and offering said  
31 commodities for resale.

*Cont*  
2. (Currently Amended) The method of claim 1, wherein said resale  
prices, said commodity prices, and said labor expense are  
provided from a database, wherein said database is periodically  
updated.

1 3. (Cancelled) ✓

1 4. (Cancelled) ✓

1 5. (Original) The method of claim 1, wherein said computer model  
2 is a spreadsheet model.

1 6. (Currently Amended) A method of determining the optimal extent  
2 to demanufacture a product to provide greatest economic benefit,  
3 comprising the steps of:

4 providing a product for demanufacturing, said product having a

5 plurality of parts, wherein each of said parts comprises one or  
6 more commodities;

7 collecting one or more resale prices for one or more of said  
8 parts respectively;

9 collecting one or more commodity prices for one or more of said  
10 commodities respectively;

11 determining the labor expense to remove said each of said parts  
12 from said product;

13 entering said resale prices, said commodity prices, and said  
14 labor expense into a spreadsheet model; and

15 executing said spreadsheet model to determine a highest commodity  
16 value irrespective of said one or more resale prices for one or  
17 more of said parts;

18 executing said spreadsheet model to determine a highest removed  
19 parts value irrespective of said one or more commodity prices for  
20 one or more of said commodities; and

21 executing said spreadsheet model to optimally determine which of  
22 said parts, if any, to remove from said product to provide  
23 greatest economic benefit by recovering largest revenue.

1 7. (Currently Amended) A method of determining the optimal extent  
2 to demanufacture a product to provide greatest economic benefit,  
3 comprising the steps of:

4 providing a product for demanufacturing, said product having a

5 plurality of parts, wherein each of said parts comprises one or  
6 more commodities;

7 collecting a resale price for said product;

8 collecting one or more resale prices for one or more of said  
9 parts respectively;

10 collecting one or more commodity prices for one or more of said  
11 commodities respectively;

12 determining the labor expense to remove said each of said parts  
13 from said product;

14 entering said resale prices, said commodity prices, and said  
15 labor expense into a spreadsheet model; and

16 executing said spreadsheet model to determine a highest commodity  
17 value irrespective of said one or more resale prices for one or  
18 more of said parts, or said resale price for said product;

19 executing said spreadsheet model to determine a highest removed  
20 parts value irrespective of said one or more commodity prices for  
21 one or more of said commodities, or said resale price for said  
22 product; and

23 executing said spreadsheet model to optimally determine which of  
24 said parts, if any, to remove from said product or whether to  
25 offer said product for resale to provide greatest economic  
26 benefit by recovering largest revenue.

1 8. (Currently Amended) A computer system for determining the

2 optimal extent to demanufacture a product to provide greatest  
3 economic benefit, said product having a plurality of parts  
4 wherein each of said parts comprises one or more commodities,  
5 said system comprising:

6 means for collecting one or more resale prices for one or more of  
7 said parts respectively;

8 means for collecting one or more commodity prices for one or more  
9 of said commodities respectively;

10 means for determining the labor expense to remove said each of  
11 said parts from said product;

12 means for entering said resale prices, said commodity prices, and  
13 said labor expense into a spreadsheet model; ~~and~~

14 means for executing said spreadsheet model to determine a highest  
15 commodity value irrespective of said one or more resale prices  
16 for one or more of said parts;

17 means for executing said spreadsheet model to determine a highest  
18 removed parts value irrespective of said one or more commodity  
19 prices for one or more of said commodities; and

20 means for executing said spreadsheet model to optimally determine  
21 which of said parts, if any, to remove from said product to  
22 provide greatest economic benefit by recovering largest revenue.

1 9. (Currently Amended) A computer program product for instructing  
2 a processor to determine the optimal extent to demanufacture a  
3 product to provide greatest economic benefit, said product having

4 a plurality of parts, wherein each of said parts comprises one or  
5 more commodities, said computer program product comprising:

6 a computer readable medium;

7 first computer instruction means for collecting a resale price  
8 for said product;

9 second computer instruction means for collecting one or more  
10 resale prices for one or more of said parts respectively;

11 third computer instruction means for collecting one or more  
12 commodity prices for one or more of said commodities  
13 respectively;

14 fourth computer instruction means for determining the labor  
15 expense to remove said each of said parts from said product;

16 fifth computer instruction means for entering said resale prices,  
17 said commodity prices, and said labor expense into a computer  
18 model;—and

19 sixth computer instruction means for executing said computer  
20 model to determine a highest commodity value irrespective of said  
21 one or more resale prices for one or more of said parts, or said  
22 resale price for said product;

23 seventh computer instruction means for executing said computer  
24 model to determine a highest removed parts value irrespective of  
25 said one or more commodity prices for one or more of said  
26 commodities, or said resale price for said product; and

27 ~~sixth~~ eighth computer instruction means for executing said  
28 computer model to make an optimal determination of whether to  
29 sell said product, or whether to remove and sell one or more of  
30 said parts from said product to provide greatest economic benefit  
31 by recovering largest revenue; and wherein

32 all of said computer instruction means are recorded on said  
33 medium.

CI 10. (Original) The computer program product of claim 9, further  
2 comprising a database comprising said resale prices, said  
3 commodity prices, and said labor expense, and wherein said  
4 database is recorded on said medium.

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